Thursday, 12/15/2005 3:55:35 PM

User:

Kim Johnston

#### **Process Sheet**

**Drawing Name** 

Part Number

Material

**Due Date** 

**Drawing Number** 

Project Number

**Drawing Revision** 

: BAR

: N/A

: A1

Mid:

: 1/10/2006

: D3197041

: D3197 REV A1

Customer

: CU-DAR001 Dart Helicopters Services

Job Number : 25250

**Estimate Number** 

: 10390

P.O. Number

: NA

This Issue

Previous Run

Written By

: 12/15/2005

: NC Prsht Rev.

First Issue

: NIA : 25101

S.O. No. : WA

Type

: MACHINED PARTS

Checked & Approved By Comment

: Est Rev: A New Issue

COMMENT BEIOW

05-11-08

**Additional Product** 

Job Number:



Seq. #:

Machine Or Operation:

Description:



7075-T73 Round Bar 1" OD

2.5410 f(s)/Unit Total: 25.4100 f(s) Comment: Qty.:

Material: 7075-T73 (QQ-A-200/11) or (QQ-A-225/9) 1" OD

(M7075T73R1.000) Identify for D3197-1

Batch: M194316

N18600

BAND SAW

Comment: BAND SAW

Cut blanks: 29.125" long

HAAS CNC VERTICAL MACHINING #1

3.0

4.0

2.0

HAAS1



Comment: HAAS CNC VERTICAL MACHINING #1 1-Face ends to lenght per dwg D3197.\*\*

2-Machine D3197-1 as per Folio FA340 and Dwg D3197

3-Deburr

06/01/27

22

Each

QC2



Comment: INSPECT PARTS AS THEY COME OFF MACHINE 5.0

LATHE CONV

CONVENTIONAL LATHE

Comment: CONVENTIONAL LATHE

Chamfer as per Dwg D3197

### **Dart Aerospace Ltd**

Part No: \_\_\_\_

W/O:		WORK ORDER CHANGES									
DATE	STEP	P PROCEDURE CHANGE			Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
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						L.,					

PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_\_ NCR: Yes No DQA: Date: 06/02/14

QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
7		Description of NC		Corrective Action Section B	٠,	Verification				
	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng			
	3	- I part the flat is not		Part is Acceptable.  Marga of Safety = 0.15  ENCH (POBOZOF)	J.L		B			
do 01.31		- part was Jurned wong	agons	5.01 (Pos.02.07	06.01-31	108.02.07	angrip	06.02.05		
		15 0.400 LOGO								
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Date: Thursday, 12/15/2005 3:55:36 PM Kim Johnston User: **Process Sheet Drawing Name: BAR** Customer: CU-DAR001 Dart Helicopters Services Part Number: D3197041 Job Number: 25250 Job Number: Description: **Machine Or Operation:** Seq. #: SECOND CHECK 6.0 Comment: SECOND CHECK 0602.07 HAND FINISHING RESOURCE #1 HAND FINISHING 7.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 POWDER COATING POWDER COATING 8.0 Comment: POWDER COATING Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION D26905 10.0 Total: 40.0000 Each(s) Comment: Qty.: 4.0000 Each(s)/Unit Pick: Description Batch **Qty Part Number** 4 D2690-5 Lanyard D32421 11.0 Comment: Qty.: 4.0000 Each(s)/Unit Total: 40.0000 Each(s) Pick: **Qty Part Number** Description Batch B252*50* 2 D3197-1 AN960JD10 12.0 Washer Comment: Qty.: 12.0000 Each(s)/Unit Total: 120.0000 Each(s) Pick: **Qty Part Number Description Batch** Washer <u>M19413</u> 12 AN960JD10

# **Dart Aerospace Ltd**

W/O:		WORK ORDER CHANG	GES					
DATE	STEP	PROCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #: Fault Category:	NC	R: Yes	No DQ	A:	Date:	I <u></u>

-					QA: N/	C Closed:	Date: _	
NCR:			WORK ORDI	R NON-CONFORMAN	CE (NCR)		**	
		Description of NC		Corrective Action Section B		Varification	A	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
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Thursday, 12/15/2005 3:55:36 PM Date: Kim Johnston User: **Process Sheet** Drawing Name: BAR Customer: CU-DAR001 Dart Helicopters Services Part Number: D3197041 Job Number: 25250 Job Number: Description: Seq. #: Machine Or Operation: Pip Pin 13.0 DARS004 Comment: Qty.: 4.0000 Each(s)/Unit Total: 40.0000 Each(s) Pick: Description Batch **Qty Part Number** Pip Pin B19520 x 22, B19453 X 20, B19507X2 4 DARS-004 MS21042L3 14.0 4.0000 Each(s)/Unit Total: 40.0000 Each(s) Comment: Qty.: Pick: Description Batch **Qty Part Number** Nut (or -3) M/81 80 4 MS21042L3 MS27039124 15.0 4.0000 Each(s)/Unit Total: 40.0000 Each(s) Comment: Qty.: Pick: Description Batch Qty Part Number 4 MS27039-1-24 Screw <u>M/939</u> 22 SMALL & MEDIUM FAB RESOURCE 1 16.0 SMALL FAB 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 Assemble D3197-041 as per Dwg D3197 17.0 22 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 18.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 19.0 Comment: DOCUMENT CONTROL Inspection Level 21 Page 3

Dart Ae	rospace l	Ltd							
W/O:			WC	ORK ORDER CHANGES					
DATE	STEP	.∕ PR	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	gory: N	ICR: Yes	No DQ	A:	Date:	<u> </u>
	-							Date:	
NCR:			WORK ORDE	ER NON-CONFORMANC	CE (NCF	R)			
DATE		Description of NC		Corrective Action Section B		Verification		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		ion C	Chief Eng	QC Inspector
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W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
Part No		PAR #: Fault Category:	NCR: Yes	No DQ	<b>A</b> :	Date: _					
* *			QA:	N/C Close	d:	_ Date: _	<del></del>				
NCR:		WORK ORDER NON-C	CONFORMANCE (NC	R)	-						
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NCR:			WORK ORD	ER NON-CONFORMANO	E (NCR)							
		Description of NC		Corrective Action Section B	Verification	Annesial	A 1					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
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DART AEROSPACE LTD	Work Order:	25250
Description: Bar	Part Number:	D3197-1
Inspection Dwg: D3197 Rev: A1		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
29.00	+/-0.030	29.00			Tape	
25.06	+/-0.030	25.06			Vigore	
11.44	+/-0.030	11.437				
0.500	+/-0.010	,500				
0.250	+/-0.030	.251				
Ø0.219	+0.005/-0.000	0.219				
Ø0.191	+0.005/-0.000	0.192				
1.000	+/-0.005	1:000				
2.69	+/-0.030	2.688				
1.000	+/-0.010	1.000	/			
0.300	+/-0.010					
0.063 x 45°	+/-0.010					
Ø1.000	+/-0.010	Ø 1.00				
		•				

Measured by:	<0	Audited by:	Prototype Approval:	N/A
Date:	06.01.28	Date: 06.07.07	Date:	N/A

Rev	Date	Change		Revised by	Approved
Α	04.04.20	New Issue	(P/O D412-702-011/-013)	KJ/RF	

